



**West Lake: update to fact sheet** 

**Dan Gravatt** to: Cecilia Tapia

Cc: Audrey Asher, Debbie Kring, Rich Hood, DeAndre Singletary

10/25/2012 08:40 AM

I spoke with Cecilia and Rich separately this morning on responding to Ed Smith's emails and how issuing the fact sheet may be able to address his questions, and perhaps substitute for our attendance at MCE's planned public meeting.

Rich asked me to update the factual components of the fact sheet. The updates are attached, along with a couple of other edits that may address Ed's recent questions. Please edit as required.



WestLakeLandfillFactSheet Updated November 2012.docx

Sincerely,  
Daniel R. Gravatt, PG  
US EPA Region 7 SUPR / MOKS  
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Phone (913) 551-7324

Principles and integrity are expensive, but they are among the very few things worth having.

Cecilia Tapia

Mathy wants us to attend. He's going to call Karl.

10/25/2012 08:06:07 AM

From: Cecilia Tapia/R7/USEPA/US  
To: Mark Hague/R7/USEPA/US@EPA  
Cc: Audrey Asher/R7/USEPA/US@EPA, Dan Gravatt/R7/USEPA/US@EPA, Debbie Kring/R7/USEPA/US@EPA, Hood.Rich@epamail.epa.gov, Karl Brooks/R7/USEPA/US@EPA  
Date: 10/25/2012 08:06 AM  
Subject: Re: Fw: West Lake Superfund Site - response to MO Coalition for the Environment

Mathy wants us to attend. He's going to call Karl.



*Cecilia Tapia*  
*Director Superfund Division*  
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## Region 7

Iowa  
Kansas  
Missouri  
Nebraska  
Nine Tribal Nations

## Fact Sheet

August–November

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### Update on Activities Supporting the Record of Decision (ROD) Amendment for the West Lake Landfill Superfund Site Bridgeton, Missouri

#### INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 7 has been working in the Bridgeton community to address environmental issues at the West Lake Landfill over a multi-year period. The West Lake Landfill is comprised of two (2) operable units (OUs). OU-1 contains a mixture of radiologically-contaminated soils, municipal refuse and construction/demolition debris. OU-2 includes several sanitary landfill cells containing municipal refuse and construction/demolition debris.

After conducting extensive investigations, holding numerous public forums, and responding in detail to public comments, EPA signed a Record of Decision (ROD) for OU-1 in May 2008. This decision document outlined the selected remedy, which included the placement of an engineered cover system over the radiologically-contaminated areas, long-term groundwater monitoring, and the adoption of institutional controls to restrict access.

After the ROD was signed, EPA continued to receive public comments about the selected remedy. In response to those comments, EPA tasked the potentially-responsible parties (PRPs) to conduct a Supplemental Feasibility Study (SFS) for OU-1 that further evaluated the ROD-selected remedy, as well as full-scale excavation of the radiologically-contaminated landfill material and disposal either at a

permitted off-site facility or in a new, on-site engineered disposal cell.

The SFS Work Plan was released to the public in June 2010 and the PRPs proceeded to perform the SFS. After reviewing several draft versions of the SFS Report, EPA approved and released it to the public in December 2011. The estimated costs defined for each alternative in the SFS Report exceeded the threshold, which triggered a formal review and evaluation by an early consultation with EPA's National Remedy Review Board (NRRB). Between January and May 2012 and the present time, the NRRB has weighed in with numerous draft comments and recommendations on the SFS Report. The NRRB recommended that EPA, Region 7: evaluate additional groundwater sampling to refresh the data; conduct a more detailed study of the partial excavation alternative; and conduct a more detailed analysis of potential treatment technologies for the radiologically-contaminated landfill material. In June 2012 EPA, Region 7, then tasked the PRPs to conduct some of this work as an amendment to its original Consent Order.

In response to more general NRRB recommendations, EPA, Region 7 also decided to update gamma scans of the surface of OU-1 and conduct vertical gamma scans of monitoring wells at the site. EPA, Region 7 will perform these gamma scans.

AND

In July and August 2012, the PRPs performed the additional groundwater sampling recommended by the NRRB. The data from this sampling event is currently being evaluated by EPA.

The PRPs will conduct the remaining work to address the NRRB recommendations under EPA's oversight, with the will be performed under the following proposed 2012/2013 schedule:

July -12- Groundwater sampling (PRPs to conduct, EPA & MDNR will take split samples);

August-November 2012- Gamma scan evaluations of monitoring wells at the site to further refine distribution of radiologically-impacted wastes (EPA staff to conduct);

Summer 2012- 2013 - Additional studies to address the NRRB draft comments: (PRPs to perform, with EPA oversight); and;

2013 - Gamma scans of the surface of OU-1 to further refine distribution of radiologically-impacted wastes (EPA staff to conduct).

Once this work is completed, EPA will make a formal presentation to the NRRB on the results of the SFS and the additional work described above. After this presentation, the NRRB will issue its final comments to EPA, Region 7.

EPA Region 7 Records Center  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas  
1-800-223-0425

#### **ADDITIONAL INFORMATION**

If you have questions about this Fact Sheet, or need additional information about the West Lake Landfill Superfund Site, please contact:

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#### **AVAILABILITY OF DOCUMENTS**

The SFS Report is available online at:  
[http://www.epa.gov/region7/cleanup/npl\\_files/west\\_lake\\_landfill/index.htm](http://www.epa.gov/region7/cleanup/npl_files/west_lake_landfill/index.htm)

The administrative record, and other site-related documents for the West Lake Landfill Superfund Site are available for review at the following locations:

The Bridgeton Trails Branch of the St. Louis  
County Library  
3455 McKelvey Road  
Bridgeton, Missouri